

103-80-10330

103-80-33

6-16-78

Larson

1611'
(488m)

31.8m
335°
1.5%

heavily timbered
75/25 pool/riffle

1' undercut bank
4' wide riffles 3" deep
15' wide pools 8" deep

40% ASA

Weather: overcast

Tide: low

Air: 58.5°F

Water: 56°F

9.5 pH

4 cfs flow

1506'
(456m)

58.2m
273°
1%

10" deep pool

50/50 pool/riffle
50% ASA

15' wide
3" deep

High Tide

4' wide 4" deep

1314'
(398m)

53.6m
298°
1%

4' marine mud
cut bank

10% ASA

12' wide
25% cobbles
75% fine gravel

many clam shells
imbedded in bank
and in creek

1137'
(345m)

131.8m
288°
0%

25' wide 6" deep

grass flat 90' wide
heavily grazed by bears
coho fry in small tributary
through grass

0% ASA

fresh deer tracks

702'
(213m)

62.7m
325°
0.5%

dense algae

10% cobbles
90% gravel

495'
(150m)

15' wide 3" deep
dense algae

150.0m
355°
0.5%

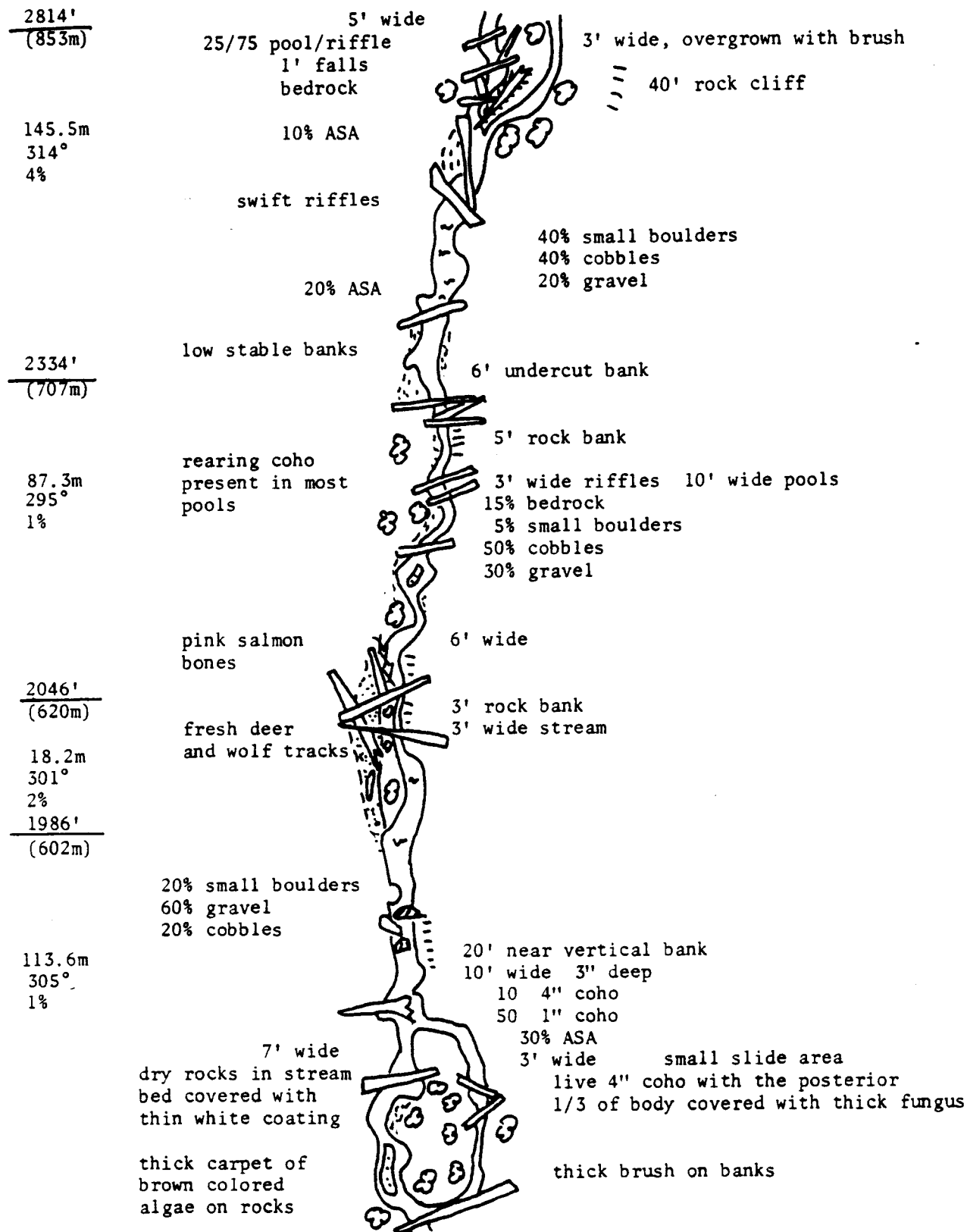
8' high gravel bank

Craig D-5

HECETA
ISLAND

103-80-33

Tonowek
Bay



103-80-10330

Name: Tonowek Creek	Catalog No: 103-80-033
Latitude: 55°45'38" 40"	Former Stream No: FRI 21, 35, ADF stat
Longitude: 133°22'00" 09"	WC50, 35, ADF #7, FWS #21
Geodetic Map No: Craig D-5	Work Area: Ketchikan
Location: Head of Tonowek Bay, Tonowek Creek and its tributaries and their lakes.	Watershed Length: 3.1 miles (both forks)
	Drainage Area: 2.0 miles
	Water Supply Type: Sources at Mink Lake, Jay Lake, and one other lake.

Trails & Survey Routes: The streambed is relatively easy to walk to the cascade area.

Aerial Survey Notes: This stream has an extensive intertidal area which is readily visible. Upstream areas masked by overhead cover.

Anchorage: Near the stream mouth or in Nossuk Bay

Tide Stage when Surveyed: low

RESOURCES

COMMERCIAL FISHERIES (species, escapement, timing, spawning area):

Primarily a pink stream with fair rearing for coho. No known escapement counts but pink salmon bones observed on the banks and rearing coho observed throughout the lower stream area.

SPAWNING AREA: $448 \text{ M}^2 = 35 \text{ M}^2$ intertidal (15' X 250' X 10% ASA) + 413 M^2 upstream
Schooling Areas: at the mouth. (10' X 600' X 45% ASA) + (6' X 1450' X 20% ASA)

Spawning Areas: Presently in the lower stream above the high tide area.

SHELLFISH POTENTIAL: Little suitable substrate observed for either clams or crab in the immediate area of the stream mouth.

SPORT FISHERIES: The stream itself has little sport fishing potential but the lakes at the headwaters which were not surveyed may contain good populations of cutthroat trout.

LAND USE (history, present, proposed): Unknown, presently this area is in a natural state.

REHABILITATION POTENTIAL: A more detailed survey of the lakes in the upper watershed should be made to determine if any are accessible to coho and if not, where the barrier is located.

SOILS: Generally stable.

GAME RESOURCES (species, use, habitat): The grass area near the mouth is heavily grazed by bears. Fresh wolf and deer tracks observed, as well as the remains of a young sea lion near the mouth, with four young eagles.